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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Num	ber 15685P208
First Named Inventor	Branislav N. Meandzija
C	OMPLETE IF KNOWN
Application Number	10/603,424
Filing Date	June 24, 2003
Art Unit	Unknown
Examiner Name	Unknown

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Terminal Authentication in a Wireless Netwo	rk
(Title of the Invention)	
the specification of which	
is attached hereto.	
OR	
was filed on (if applicable): or 06/24/2003 as United States Application Number PCT International Application Number	10/603,424
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior	<u>Foreian</u>	App	icati	<u>on(s</u>	1

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐ Yes ☐ No
				☐ Yes ☐ No
			f1	☐ Yes ☐ No

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

Direct all correspondence to:

Customer Number or Bar Code Label

08791

or 🔀 Correspondence address below

Name	Adam Furst Blakely, Sokoloff, Tay	lor & Zafman LLP		10.00
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City	Los Angeles	State California	Zip Code	90025-1030
Country	USA	Telephone (408) 947-8200	Fax	(408) 947-8280

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR:	A petition has been filed for this undersigned inventor	
Full Name:	_	Branislav N. Meandzija	
Inventor's Signatu		[1] only Family Name (or Surname), and Suffix fif anyl). Date Date	
Residence De	l Mar, California USA	Citizenship USA	
	(City , State, Coun	try) (Country)	
Mailing Address	716 Avocado Place		
	Del Mar, California 9201	4 USA	

NAME OF SECON	D INVENTOR:	n has been filed for this un	dersigned inventor
Full Name:	(E) . M(III ()	Mithat Can Dogan	10.00 (10.1)
Inventor's Signature	/) \ / \], Family Name (or Surname), o	05/05/2003
Residence Sunr	nyvale, California USA (City, State, Country)	Citizenship	Turkey (Country)
Mailing Address	674 Kirkland Drive, No. 6 Sunnyvale, California 94087 US	SA .	(Country)
NAME OF THIRD I	NVENTOR: A petition	n has been filed for this un	dersigned inventor
Full Name:	Harst Middle lif any	Marc . Goldburg	and Suffix (if anyl)
Inventor's Signature		Date	5/6/x003
Residence Red	wood City, California USA	Citizenship	USA
Mailing Address	(City, State, Country) 575 Quartz Street ZZ 6 Redwood City, California 94062	Hillslale Why	(Country)
	reawood City, Camorina 74002	. 00/1	
NAME OF FOURT	HINVENTOR: A petition	n has been filed for this un	dersigned inventor
Full Name:		Christopher R. Uhlik	
], Family Name (or Surname), o	ind Suffix [if any])
Inventor's Signature	-	Date	
Residence Dan	ville, California USA	Citizenship	USA
*	(City, State, Country)	<u> </u>	(Country)
Mailing Address	345 Love Lane		
	Danville, California 94526 USA		
NAME OF FIFTH I	NVENTOR: □ A petitio	n has been filed for this un	dersigned inventor
			ao.o.g.iod involvoi
Full Name:	/First Middle lifer], Family Name (or Surname), a	
Inventor's Signature		Dete	ma Sujjix [ij any])
Residence		Citizenship	
Mailing Address	(City , State, Country)		(Country)
Docket No. 15685P2	08	-3-	

(First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Name (or Surname), and Suffix [if any]) Residence Sumyvale, California USA (Cip. State, Country) Mailing Address 674 Kirkland Drive, No. 6 Sumnyvale, California 94087 USA IAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor A petition has been filed for this undersigned inventor A petition has been filed for this undersigned inventor Signature		Mithat Can Dogan
Residence Sumyvale, California USA (City, State, Country) (Country) Adilling Address 674 Kirkland Drive, No. 6 Sumyvale, California 94087 USA MAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Ware C. Goldburg (First, Middle [if any], Family Name (or Sumame), and Suffix [if any]) Date Residence Redwood City, California USA (City, State, Country) Adilling Address 575 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Christopher R. Uhlik OFFISH, Middle [if any], Family Name (or Sumame), and Suffix [if any]) Adilling Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Christopher R. Uhlik (City, State, Country) Adilling Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Sumame), and Suffix [if any]) NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Sumame), and Suffix [if any]) NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Sumame), and Suffix [if any]) NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Sumame), and Suffix [if any]) NAME OF FIFTH INVENTOR: Date (City State, Country) City State, Country) City State, Country) (Country)		
Aliling Address Country Country Country	nventor's Signature	Date
Alling Address Country Country Country	Paeidence Sympywale California IISA	Citizenship Turkey
Mailing Address 674 Kirkland Drivo, No. 6 Summyvale, California 94087 USA		
Sunnyvale, California 94087 USA NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Full Name: Marc C. Goldburg (First, Middle (If any), Family Name (or Surname), and Suffix (If any)) Name (City, State, Country) Malling Address S75 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik Inventor's Signature Date (First, Middle (If any), Family Name (or Surname), and Suffix (If any)) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik (City, State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle (If any), Family Name (or Surname), and Suffix (If any)) noventor's Signature Date (City, State, Country) Country)	, ,	
NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Marc C. Goldburg		
(First, Middle (if any), Family Name (or Surname), and Suffix (if any)) Name (City, State, Country) Mailing Address S75 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik (City, State, Country) Mailing Address Signature Danville, California USA (City, State, Country) Mailing Address A petition has been filed for this undersigned inventor Christopher R. Uhlik (City, State, Country) Mailing Address A Citizenship USA (Cauntry) Mailing Address A petition has been filed for this undersigned inventor Full Name: A petition has been filed for this undersigned inventor Full Name: A petition has been filed for this undersigned inventor Full Name: A petition has been filed for this undersigned inventor Christopher R. Uhlik (City, State, Country) (Country) Mailing Address A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik (Country) Mailing Address A petition has been filed for this undersigned inventor Christopher R. Uhlik (Country) Mailing Address A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik (Country) (Country) Mailing Address A petition has been filed for this undersigned inventor Christopher R. Uhlik (Country) (Country)	NAME OF THIRD INVENTOR:	as been filed for this undersigned inventor
Residence Redwood City, California USA (City, State, Country) Malling Address 575 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik Inventor's Signature Date (12 th 12	Full Name:	Marc C. Goldburg
Residence Redwood City, California USA (City state, Country) (Country) Mailing Address 575 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik Inventor's Signature Date (First, Middle [if any]). Family Name (or Surname), and Suffix [if any]) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any]). Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Citizenship Country) Occurry) Country) Citizenship USA Citizenship Occurry) Country)	(First, Middle [if any]. I	Family Name (or Surname), and Suffix [if any])
(City , State, Country) (Cauntry) Malling Address 575 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik Inventor's Signature Christopher R. Uhlik (First, Middle (if any), Formity Name (or Surmame), and Suffix (if any)) Date (City , State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any), Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date (City , State, Country) (Country) (Country)	nventor's Signature	Date
City , State, Country) (Country)		
Mailing Address 575 Quartz Street Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik Inventor's Signature Christopher R. Uhlik Inventor's Signature Danville, California USA (City . State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if any]. Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Citizenship (Country) (Country)		(Country)
Redwood City, California 94062 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhlik Inventor's Signature Date (128 2007) Residence Danville, California USA Citizenship USA (City. State, Country) (Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if arry], Family Name (or Surname), and Suffix [if arry]) Inventor's Signature Date Residence (City. State, Country) (Country)	• • •	(CDI.III))
NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Christopher R. Uhtik Inventor's Signature Date (728 7007) Residence Danville, California USA Citizenship USA (City. State, Country) (Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if arry], Family Name (or Surname), and Suffix [if arry]) Inventor's Signature Date Residence Citizenship (City. State, Country) (Country)		SA
Inventor's Signature (First, Middle [if any]. Family Name (or Surmame), and Suffix [if any]) Date (City . State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: (First. Middle [if any]. Family Name (or Surname), and Suffix [if any]) Inventor's Signature (City . State, Country) (Country) (Country) (Country) (Country)	NAME OF FOURTH INVENTOR:	as been filed for this undersigned inventor
Residence Danville, California USA Citizenship USA (City , State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if arry], Family Name (or Surname), and Suffix [if arry]) Inventor's Signature Date Residence Citizenship (Country)	Full Name:	Christopher R. Uhlik
(City , State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Residence (City , State, Country) (Country)	Full Name:	Christopher R. Uhlik
(City , State, Country) (Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence (City , State, Country) (Country)	Full Name:	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any))
Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence (City, State, Country) (Country)	Full Name: (First, Middle [if any]. Inventor's Signature	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date \(\lambda 28 \)
Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name; (First. Middle [if arry], Family Name (or Surname), and Suffix [if arry]) Inventor's Signature Date Residence (City, State, Country) (Country)	Full Name: Inventor's Signature California USA	Christopher R. Uhlik Family Name (or Surname), and Suffix (if anyl) Date 1/28/2004 Citizenship USA
NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First. Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date	Full Name: Inventor's Signature City, Middle (if any). If the first, Middle (if any). If th	Christopher R. Uhlik Family Name (or Surname), and Suffix (if anyl) Date 1/28/2004 Citizenship USA
Full Name; (First. Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence (City, State, Country) (Country)	Full Name: Inventor's Signature City . State, Country) Mailing Address Signature (First, Middle [if any].)	Christopher R. Uhlik Family Name (or Surname), and Suffix (if anyl) Date 1/28/2004 Citizenship USA
(First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Citizenship (City, State, Country) (Country)	Full Name: Inventor's Signature City . State, Country) Mailing Address Signature (First, Middle [if any].)	Christopher R. Uhlik Family Name (or Surname), and Suffix (if anyl) Date 1/28/2004 Citizenship USA
Inventor's Signature Date Residence Citizenship (City , State, Country) (Country)	Full Name: Inventor's Signature Residence Danville, California USA (City , State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition h	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date
(City, State, Country) (Country)	Full Name: Inventor's Signature Residence Danville, California USA (City . State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition in	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date
(City, State, Country) (Country)	Full Name: Inventor's Signature Residence Danville, California USA (City . State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition in Full Name: (First. Middle [if any). I	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date Citizenship USA (Country) Tamily Name (or Surname), and Suffix [if any])
Mailing Address	Full Name: Inventor's Signature Residence Danville, California USA (City , State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition h Full Name: (First, Middle [if any). I	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date Citizenship USA (Country) Las been filed for this undersigned inventor Family Name (or Surname), and Suffix [if any]) Date
	Full Name: Inventor's Signature Residence Danville, California USA (City , State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition h Full Name: (First, Middle [if any). I	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date Citizenship USA (Country) The second of the sundersigned inventor Family Name (or Surname), and Suffix [if any]) Date Citizenship
	Full Name: (First, Middle [if any].) Inventor's Signature Residence Danville, California USA (City. State, Country) Mailing Address 345 Love Lane Danville, California 94526 USA NAME OF FIFTH INVENTOR: A petition in Full Name: (First. Middle [if any]. Inventor's Signature Residence (City. State, Country)	Christopher R. Uhlik Family Name (or Surname), and Suffix (if any)) Date Citizenship USA (Country) The second of the sundersigned inventor Family Name (or Surname), and Suffix [if any]) Date Citizenship

Appendix A

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; Anthony H. Azure, Reg. No. 52,580; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Todd M. Becker, Reg. No. 43,487; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Nathan P. Elder, Reg. No. P-55,150; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Jason R. Graff, Reg. No. 54,134; Arlen M. Hartounian, Reg. No. 52,997; Jeffery Scott Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little-Washington, Reg. No. 41,181; Joseph Lutz. Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; Jon C. Reali, Reg. No. 54,391; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. 52,291; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chui-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, and Chze Koon Chua, 53,831; Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800; and James R. Thein, Reg. No. 31,710, my patent attorney, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information, which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.